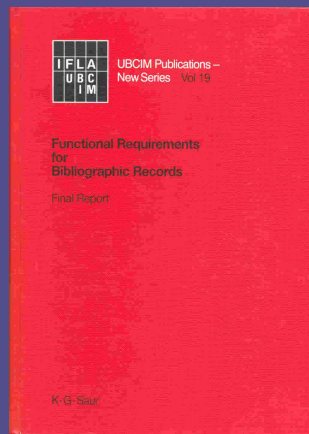
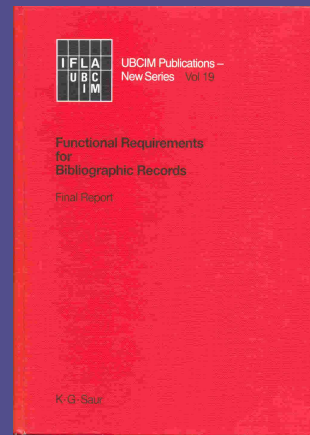


What is FRBR? (Functional Requirements for Bibliographic Records)

Presented by
Dr. Barbara B. Tillett
for the FRBR Pre-Conference
ALA Orlando
June 24-25, 2004

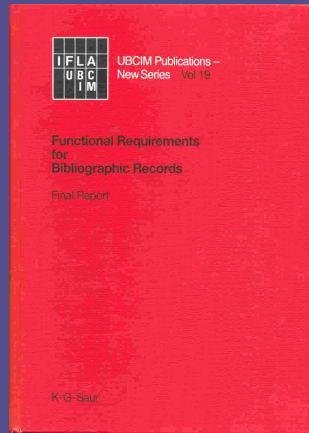


FRBR

- Publisher:
K.G. Saur
- Also available on
the Web:

<http://www.ifla.org/VII/s13/frbr/frbr.htm>
<http://www.ifla.org/VII/s13/frbr/frbr.pdf>

FRBR



IFLA Cataloguing Section's Review Group on FRBR

Web Page:

<http://www.ifla.org/VII/s13/wgfrbr/wgfrbr.htm>

What Are We Cataloging?

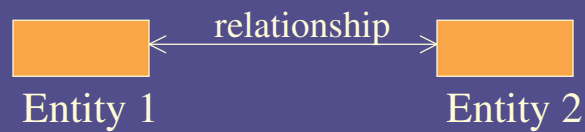
- **Library collections**
 - Books
 - Serials
 - Maps, globes, etc
 - Manuscripts.
 - Musical scores
 - A-V
 - sound recordings
 - motion pictures
 - photographs, slides
 - Multimedia
 - “Remote” digital materials



Entity-Relationship Model

FRBR

- Entities
- Relationships
- Attributes



FRBR Entities

Group 1: Products of intellectual & artistic endeavor

- **Work**
- **Expression**
- **Manifestation**
- **Item**

Vocabulary



- “Book”
 - Door prop
(item)
 - “publication”
at bookstore
any copy
(manifestation)

Vocabulary



- “Book”
 - Who translated?
(expression)
 - Who wrote?
(work)

FRBR Entities

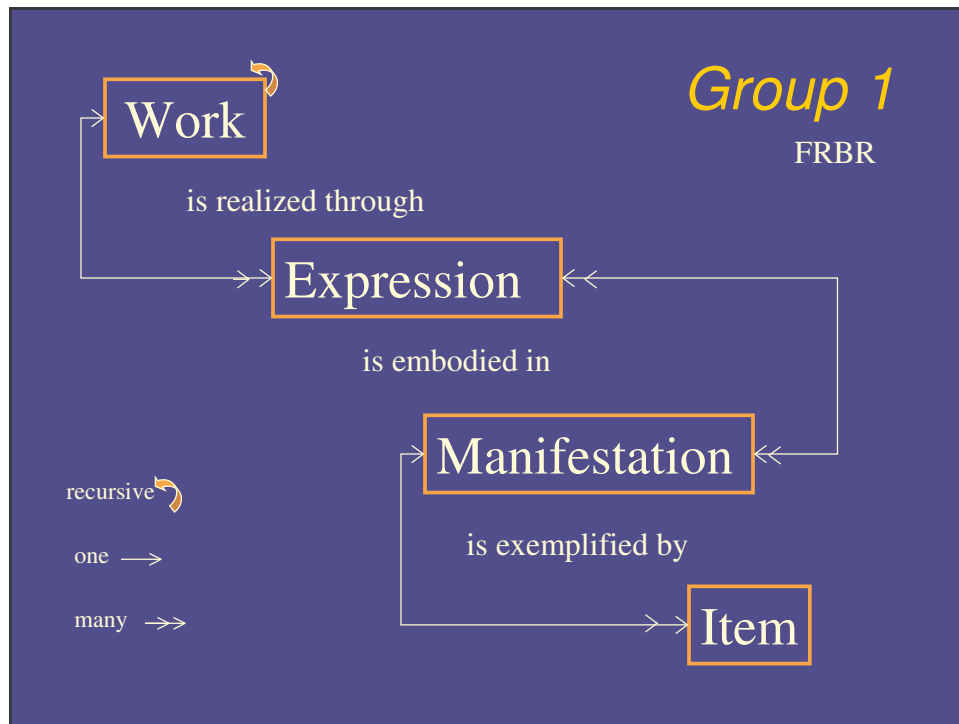
Group 2: Those responsible for the intellectual & artistic content

- Person
- Corporate body

FRBR Entities

Group 3: Subjects of works

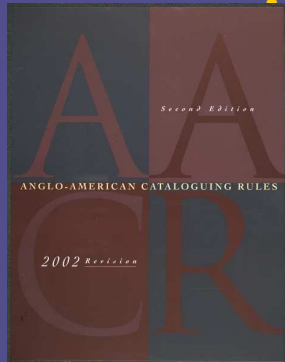
- Groups 1 & 2 *plus*
- Concept
- Object
- Event
- Place



Modes of Expression FRBR

- Alpha-numeric
- Music notation
- Other notation (e.g., choreographic)
- Sound
- Still image
- Moving image
- Three-dimensional object
- Combinations of above

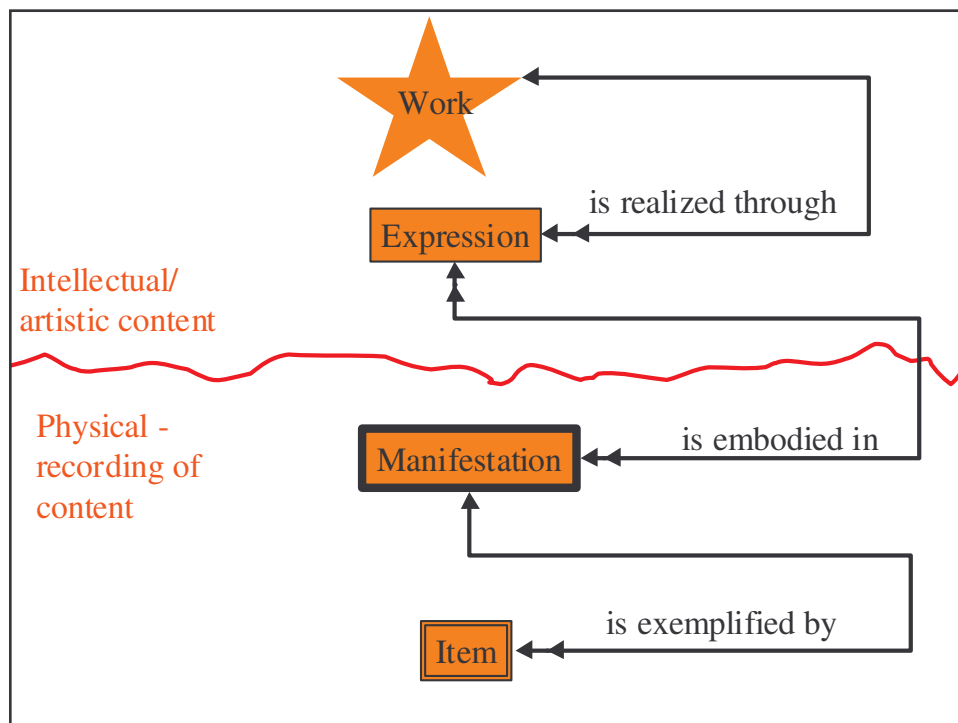
Joint Steering Committee for Revision of AACR2 (JSC)

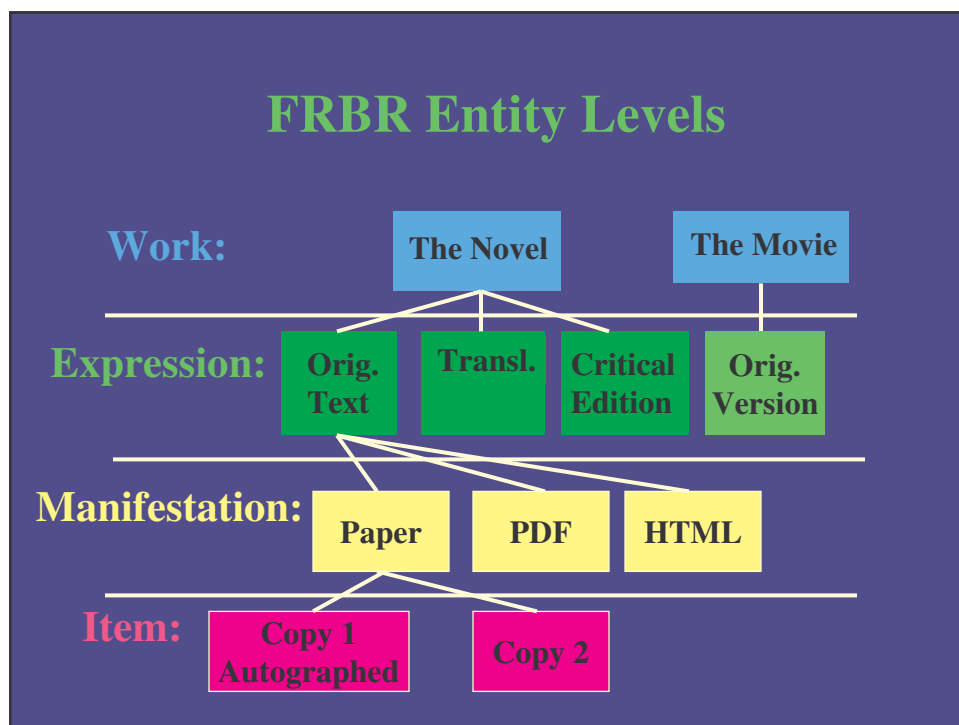
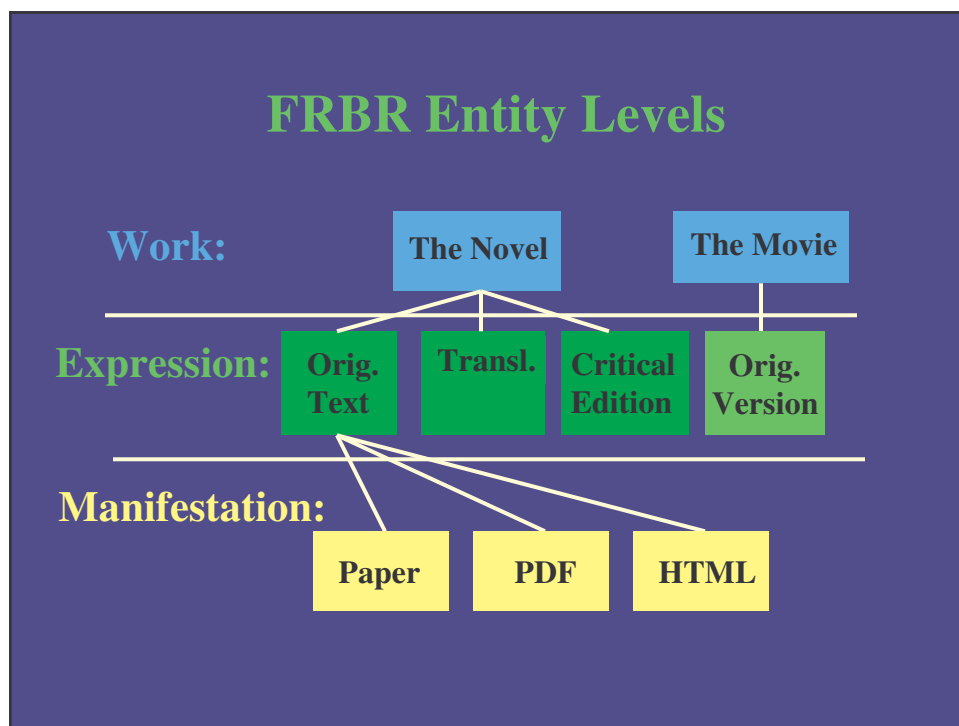


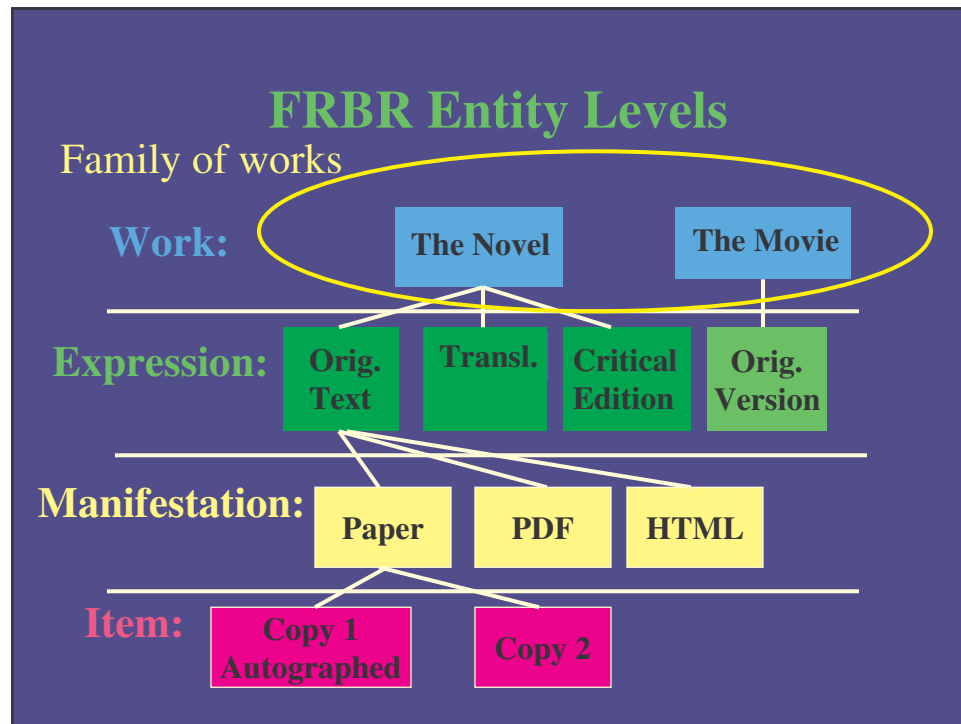
- Task Force on Format Variation
 - Work-level citations
 - Expression-level citations

Update AACR terminology to use FRBR terms:

- Work, Expression, Manifestation, Item







Group 1 - Relationships Inherent to the Entities

FRBR

- **Work** “is realized by” an expression
 - **Expression** “is embodied in” a manifestation
- **Manifestation** “is exemplified by” an item
 - **Item**

Relationships - Work/Expression

w₁ Charles Dickens' *A Christmas carol*

e₁ the author's original English text

e₂ a Tamil translation by V.A. Venkatachari

FRBR

“is realized by”

FRBR, p. 59

Relationships - Work/Expression/Manifestation

w₁ J.S. Bach's *Goldberg variations*

e₁ performance by Glenn Gould in 1981

m₁ recording released on **33¹/₃** rpm sound
disc in 1982 by CBS Records

m₂ recording re-released on compact disc in
1993 by Sony

m₃ digitization of the Sony re-release as MP3 in
2000

FRBR

“is embodied in”

Based on FRBR, p. 59

Relationships - Work/Expression/Manifestation/Item

w_1 *Lost treasures of the world*

e_1 the interactive electronic resource

m_1 the CD published in 1994 by Follgard CD-
Visions

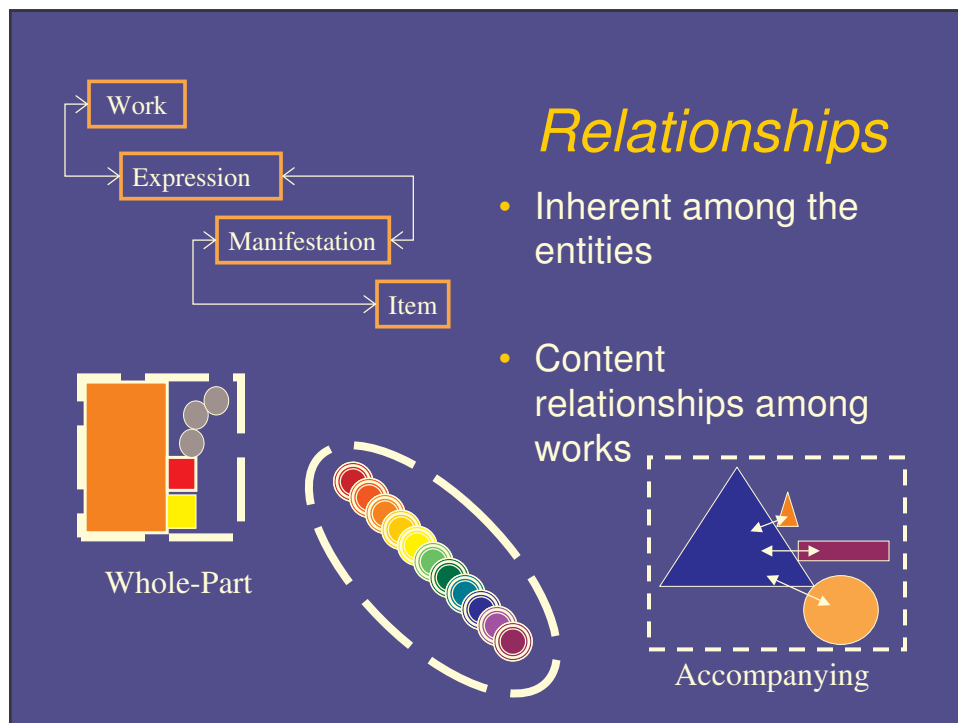
i_1 first copy held by Calgary Public Library

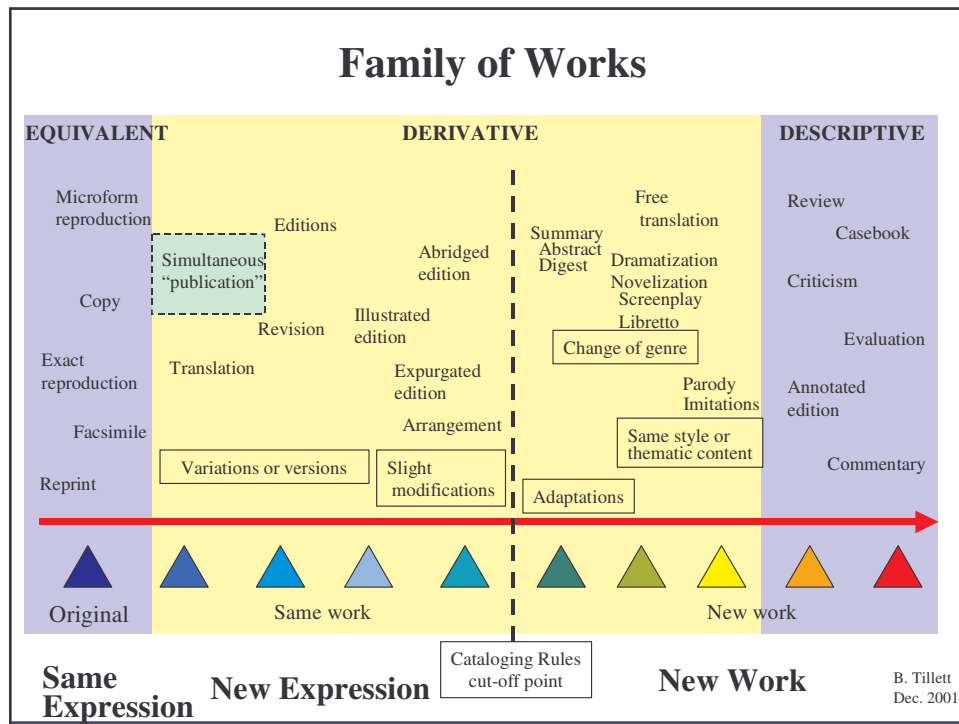
i_2 second copy held by Calgary Public
Library

FRBR

“is exemplified by”

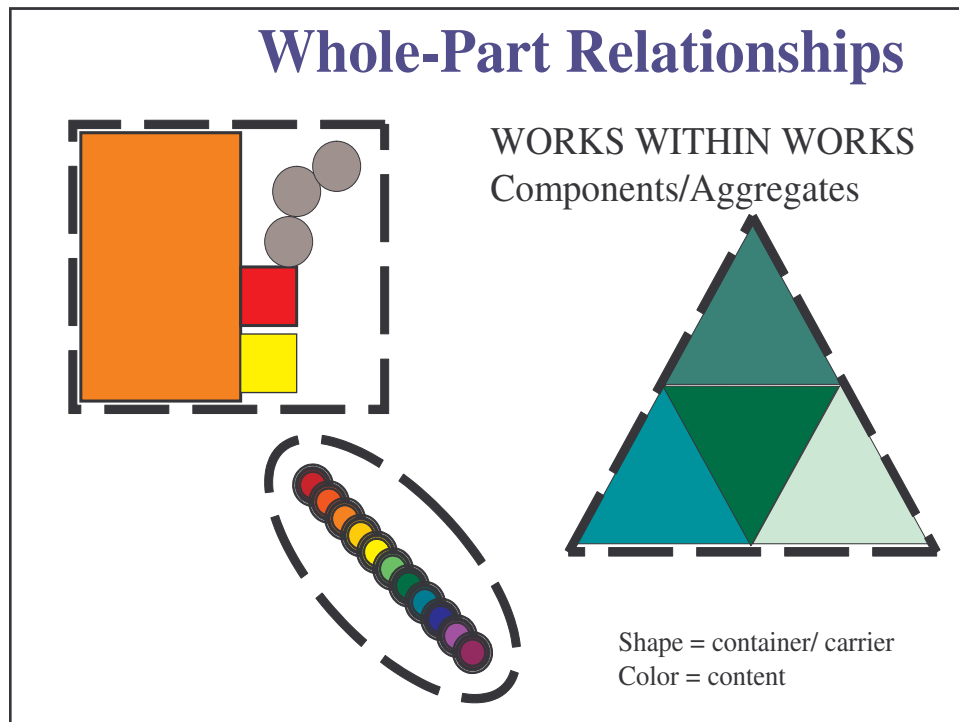
FRBR, p. 60





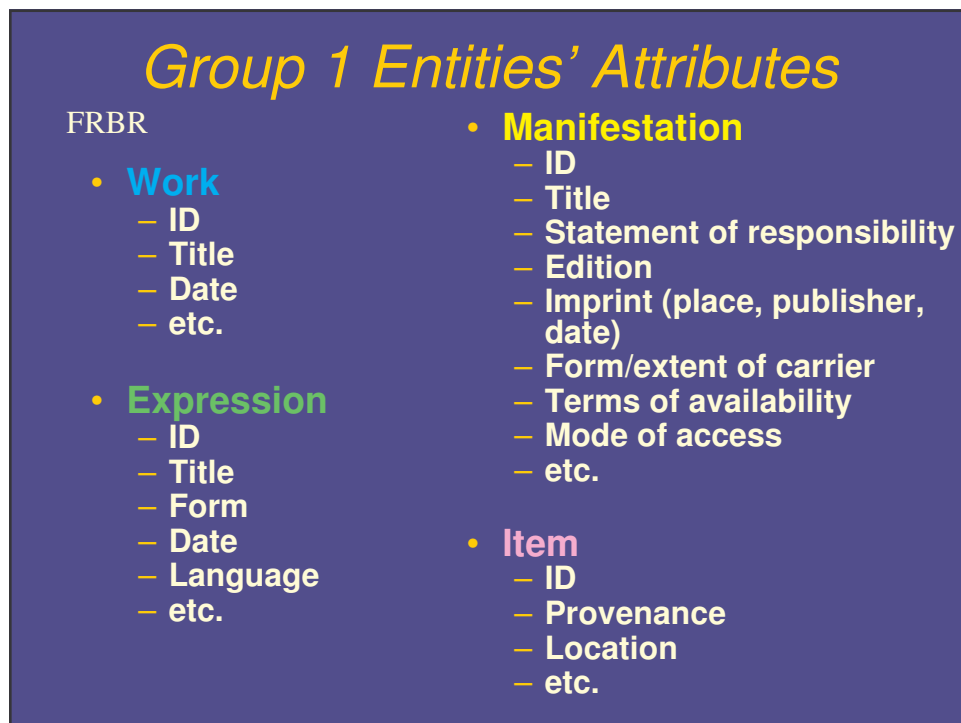
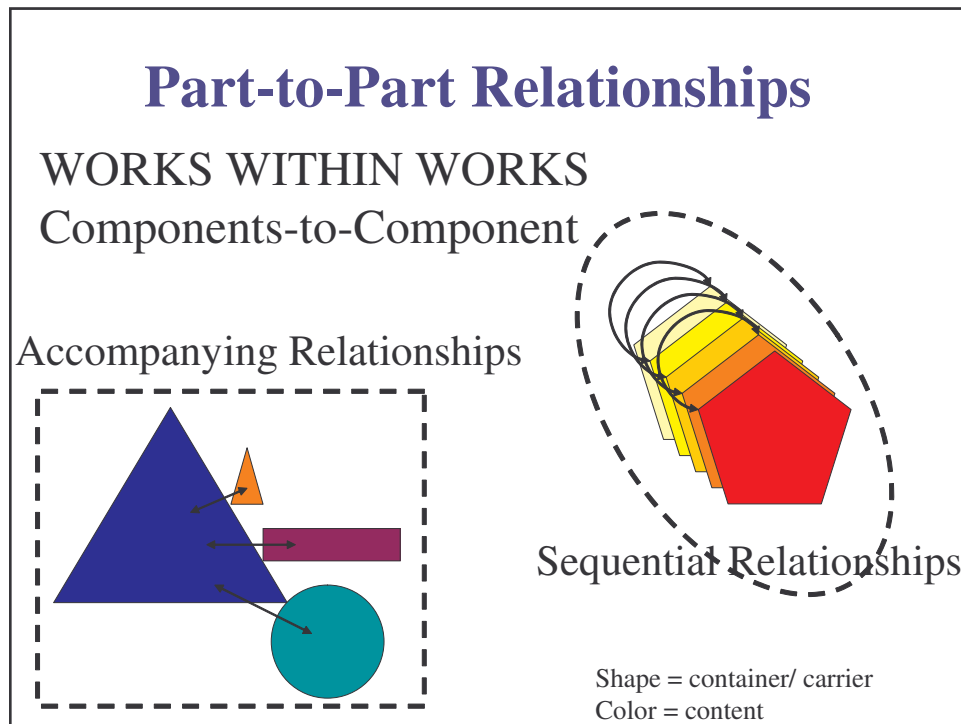
Whole-Part Relationships

- **Components**
- **Aggregates**



Part-to-Part Relationships

- **Component to component**
 - Sequential Relationship
 - Accompanying Relationship (or Companion Relationship)
 - Dependent
 - Independent



Relationship vs. Attribute



DRAFT *FRANAR extension to FRBR*

December 2003

**FRBR
Entities:**

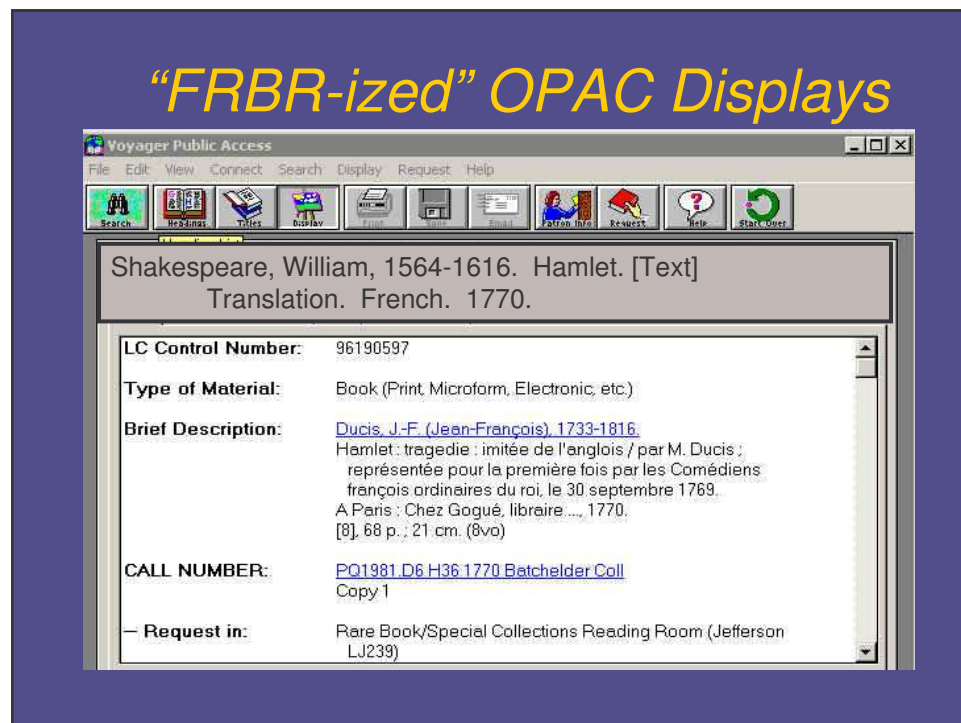
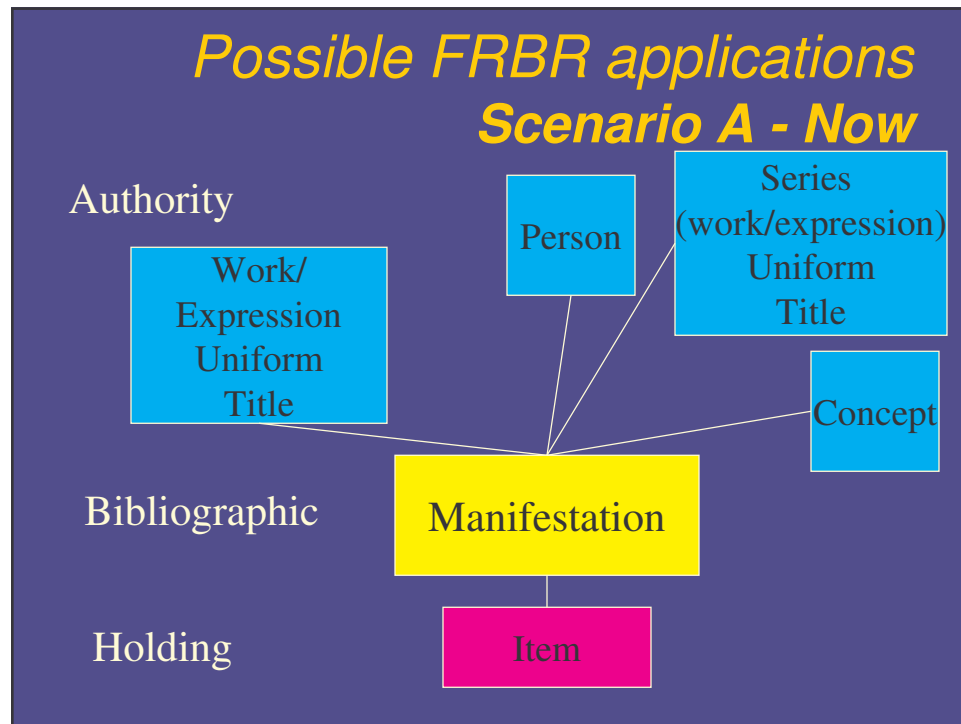
Person
Family
Corporate Body
Work
Expression
Manifestation
Item
Concept
Object
Event
Place

Name
Identifier

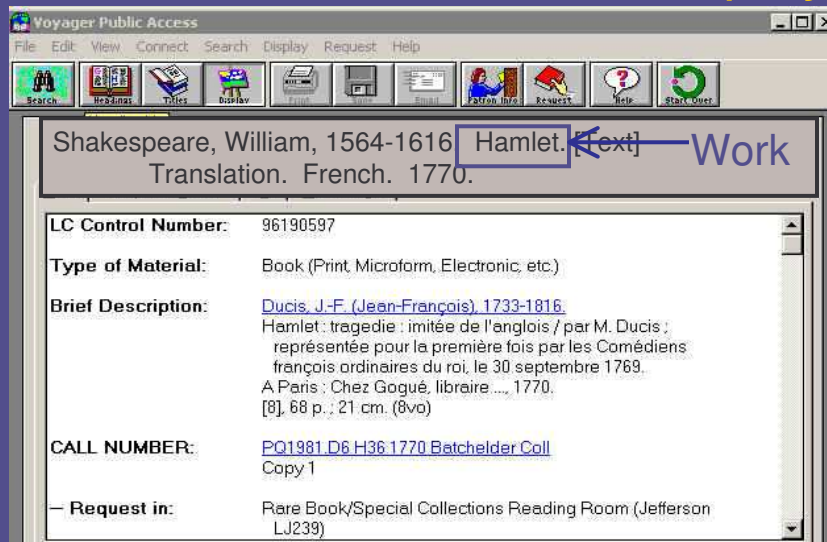
Access Point

Rules

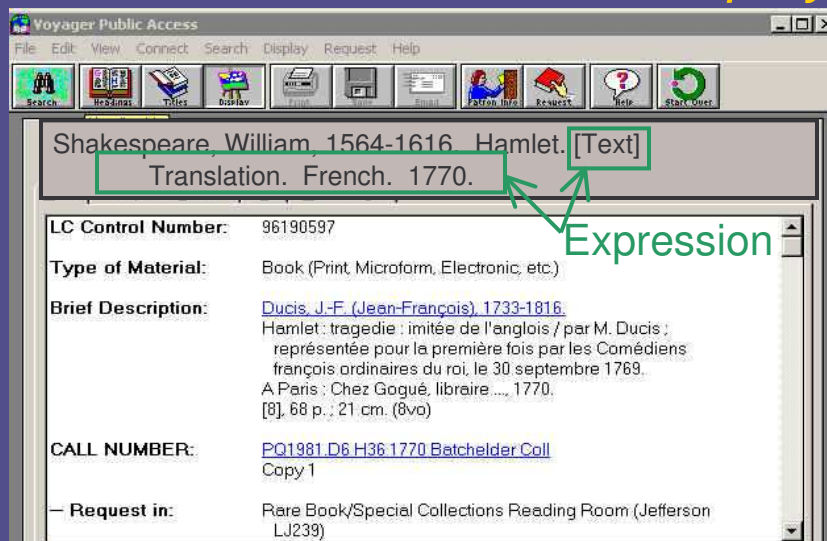
Agency



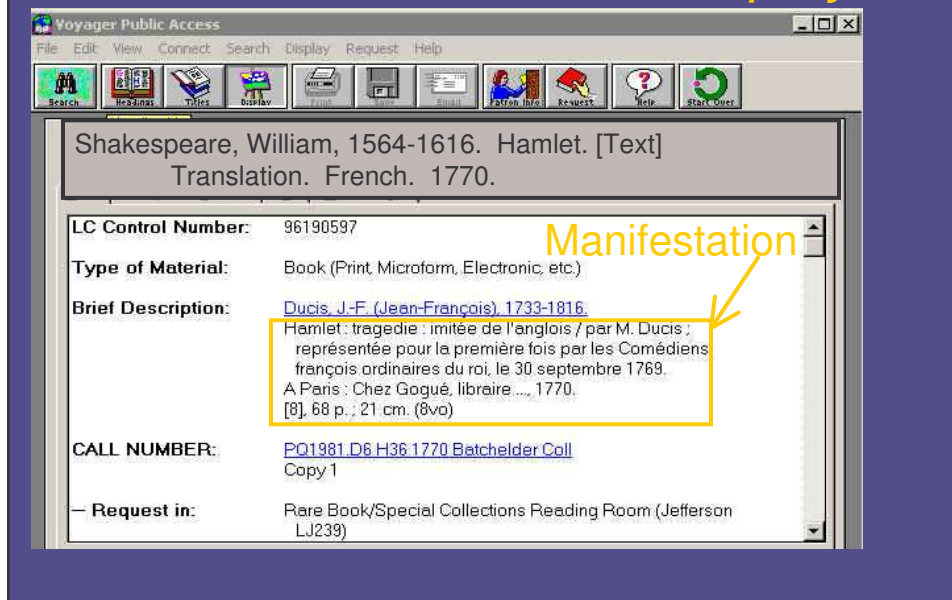
“FRBR-ized” OPAC Displays



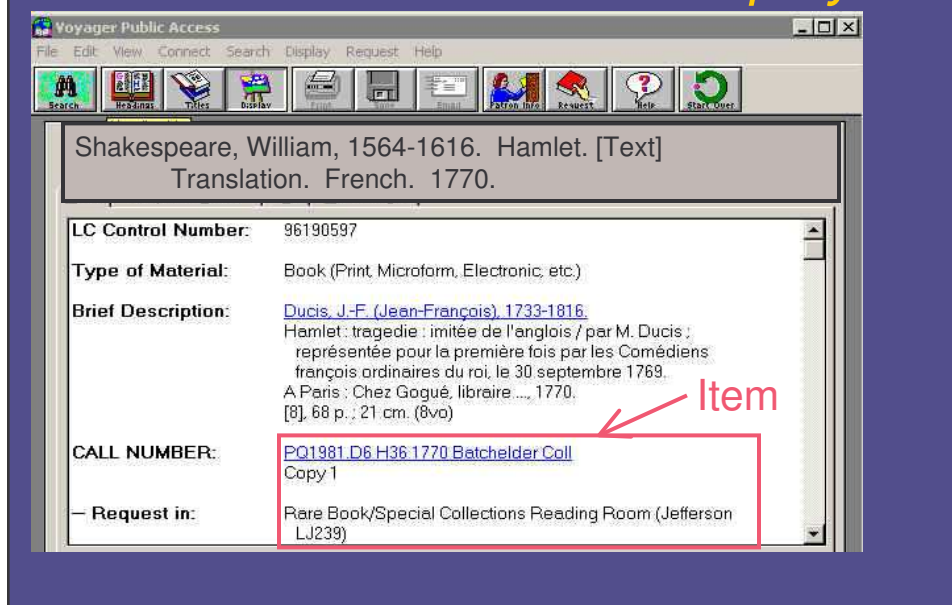
“FRBR-ized” OPAC Displays

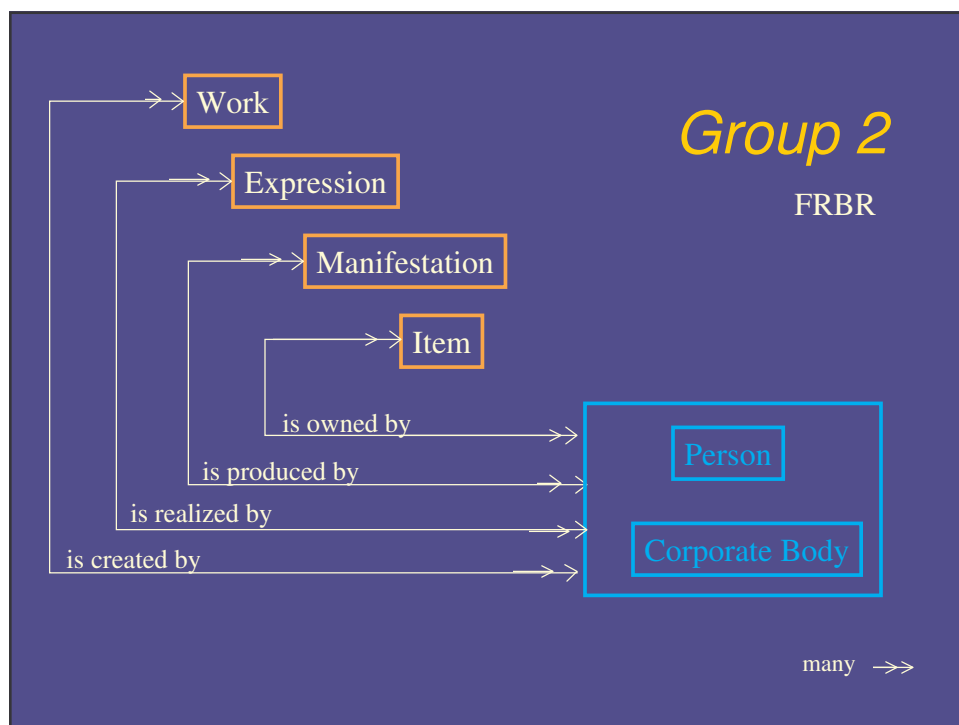
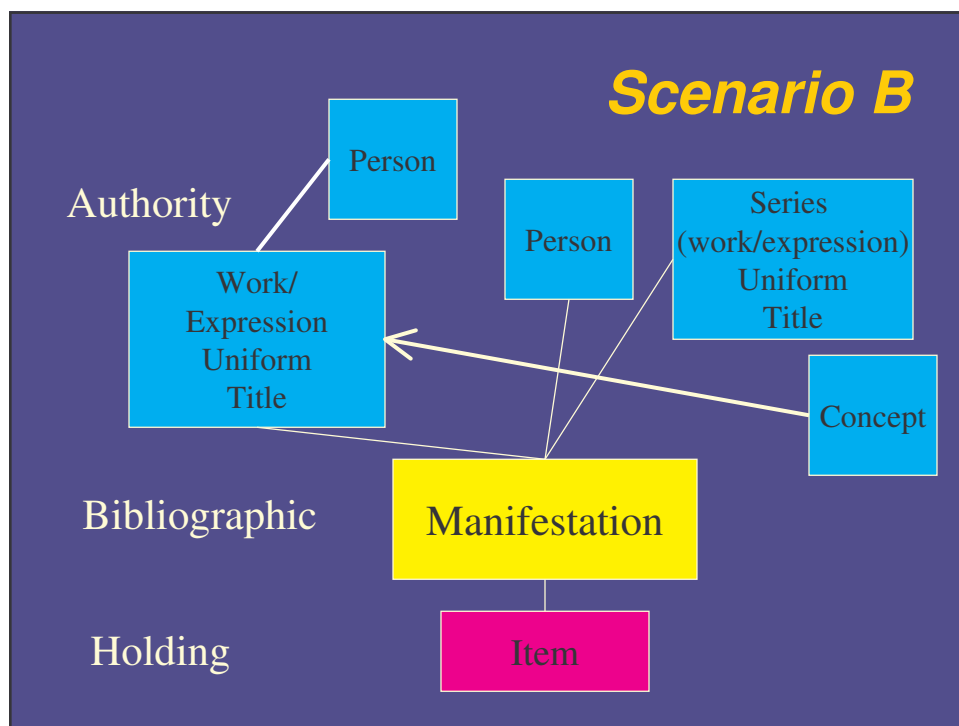


“FRBR-ized” OPAC Displays



“FRBR-ized” OPAC Displays





Relationships - Person/Work

w_1 *The shepheardes calendar*

w_2 *The faerie queen*

w_3 *Astrophel*

... etc.

p_1 Edmund Spenser

FRBR

“created by”

FRBR, p. 61

Relationships - Corporate Body/Expression

e_1 a 1980 performance of Allegri's *Miserere*

e_2 a 1986 performance of Josquin's *Missa
pange lingua*

e_3 a 1989 performance of Lassus' *Missa
osculetur me*

...

cb_1 The Tallis Scholars

FRBR

“realized by”

FRBR, p. 61

Relationships - Corporate Body/Manifestation

m₁ the 1965 publication by Coach House Press
of Wayne Clifford's *Man in a window*

m₂ the 1966 publication by Coach House Press
of Joe Rosenblatt's *The LSD Leacock*

m₃ the 1966 publication by Coach House Press
of Henry Beissel's *New wings for Icarus*

...

cb₁ Coach House Press

FRBR

“produced by”

FRBR, p. 62

Relationships - Corporate Body/Item

i₁ a copy of the “Penkill Proofs” of D.G.
Rossetti's *Poems* printed in August 1869,
with manuscript annotations by the author

i₂ a copy of the “A Proofs” of D.G. Rossetti's
Poems printed in September 1869, with
manuscript annotations by the author

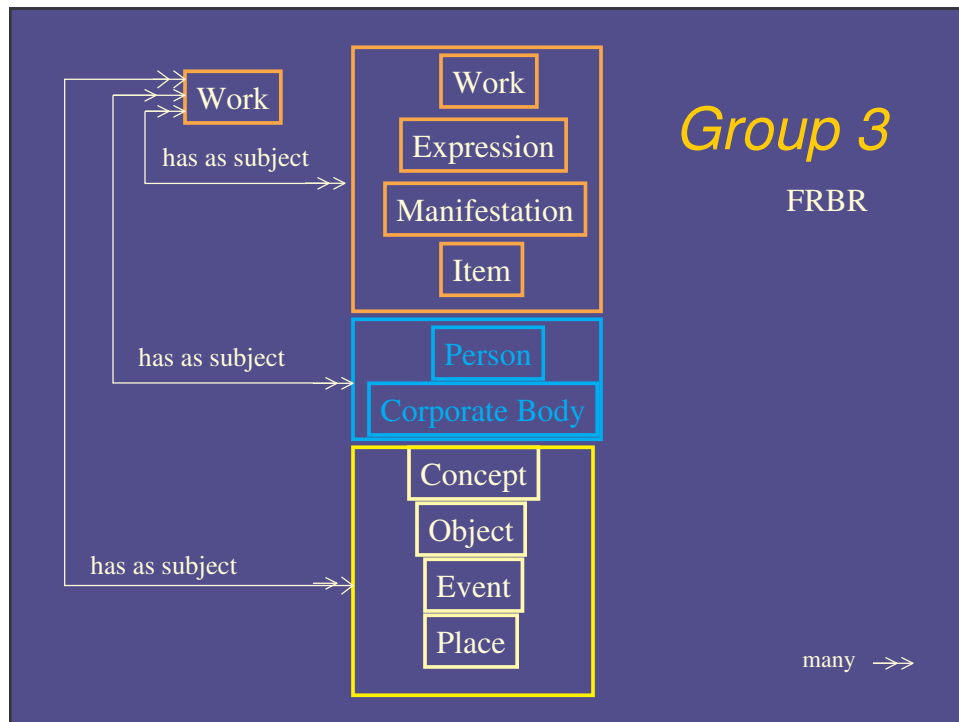
...

cb₁ Princeton University Library

FRBR

“owned by”

FRBR, p. 62



Relationships - Subject/Work

c₁ Romanticism

w₁ Morse Peckham's *Beyond the Tragic Vision*

w₂ *Romanticism reconsidered*, edited by Northrup Frye

...

FRBR

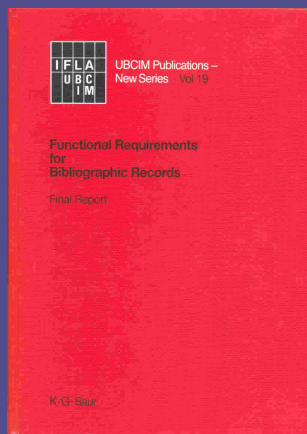
“is the subject of”

FRBR, p. 63

Objectives of Catalogs

- Cutter's objectives for the catalog
 - Finding - *description and access standards*
 - Collocating - *controlled "vocabularies" for precision of searching*

"User Tasks" - FRBR



- Find (locate and collocate)
- Identify
- Select
- Obtain
- Relate
- Other possible tasks:
 - Attribute Royalties to
 - Preserve

Objectives of Catalogs

- Finding
 - A single specific resource
 - All the works and expressions of a person, corporate body, or family
 - All resources on a given subject
 - All resources sharing some specific characteristic
 - Language, country of publication, date, physical format, etc.
- Collocating
 - All resources belonging to the same work
 - All resources belonging to the same expression
 - All resources belonging to the same manifestation


Collocation by Works

- Shakespeare, William, 1564-1616.
 - + All's well that ends well
 - + As you like it
 - + Hamlet
 - + Macbeth
 - + Midsummer night's dream

Collocation by Family of Works and Expressions

- Shakespeare, William, 1564-1616. Hamlet.

 + Texts

 + Motion Pictures

 + Sound Recordings

Collocation by Expressions

- Shakespeare, William, 1564-1616. Hamlet.

 + Texts – Danish

 + Texts – Dutch

 + Texts – English

 + Texts – French

 + Texts – Spanish

 + Motion Pictures – English

 + Sound Recordings - English

Collocation of Manifestations

- Shakespeare, William, 1564-1616. Hamlet.

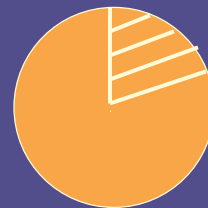


Motion pictures – English

- + 1964 Director, Bill Collegan
- + 1990 Director, Kevin Kline, Kirk Browning
- + 1990 Director, Franco Zeffirelli
- + 1992 Director, Maria Muat
- + 1996 Director, Kenneth Branagh
- + 2000 Director, Campbell Scott, Eric Simonson

Where is FRBR most useful?

- Classics of literature vs. scientific studies
- Examples in the OCLC database
 - Stephen King
 - 102 works, 231 manifestations
 - Shakespeare's Hamlet
 - 1 work, 2696 manifestations
 - Rowling, J.K. (Harry Potter stories)
 - 28 works, 300 manifestations



FRBR Applications

- Related models:
 - <indecs>
 - ABC model in Project Harmony (US, UK, Australia)
 - Indiana Univ.: Variations2 digital music
- Applications:
 - Denmark: VisualCat
 - Australia: AustLit
 - VTLS and Innovative Interfaces Inc.
 - : Virtua's "FRBR-ized" catalog
 - OCLC's Fiction Finder; future WorldCat
 - RLG's Web union catalog plans and their experimental RedLightGreen

FRBR-ize MARC records

OCLC's algorithm

<http://www.oclc.org/research/software/frbr/>

LC's display tool

<http://www.loc.gov/marc>

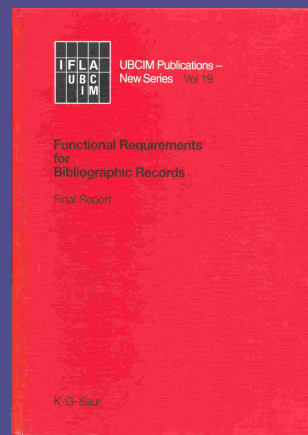
International Code for Bibliographic Description and Access



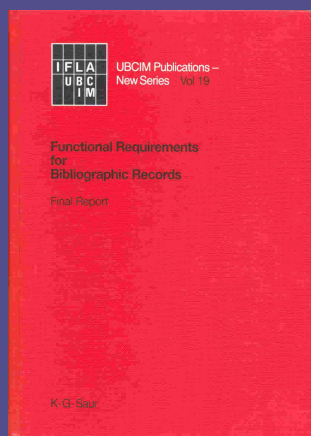
- IFLA Conferences 2003+
- Collaboration with ICA, ISO, DC, W3C, etc.
- Goal = Collaborative use in multiple environments
 - consistency
 - trust
 - authority

FRBR futures

- Terminology
- Concepts
 - Entities
 - Relationships
 - Attributes
- Goals of bibliographic control
 - Finding
 - Collocating



Thank you!



- Slides 14, 25, 27 and a modified version of 23 were published in Barbara B. Tillett, "Bibliographic Relationships." In *Relationships in the Organization of Knowledge*, edited by Carol A. Bean and Rebecca Green, 19-35. Dordrecht: Kluwer Academic Publishers, 2001.
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